Index of Claims



Application/Control No.

10/669,230

Examiner

Karl D. Frech

Applicant(s)/Patent under Reexamination

GOODISON, ET AL.

Art Unit

2876

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |            |          |          |   |              |          |  |  |  |                                     |   | ,     | _        |          |          |                |              |          |          |
|----------|------------|----------|----------|---|--------------|----------|--|--|--|-------------------------------------|---|-------|----------|----------|----------|----------------|--------------|----------|----------|
| Cla      | im         |          |          |   |              | Dat      | e  |  |  |                                     |   | Cla   | im       | Date     |          |                |              |          |          |
| Final    | Original . | 9/6/05   |          |   |              |          |  |  |  |                                     |   | Final | Original |          |          |                |              |          |          |
|          | 1          | ✓        |          |   |              | Ĺ        | İ.   |  |  |                                     |   |       | 51       |          |          |                |              |          | İ        |
|          | 3          | ✓        |          |   |              |          |  |  |  |                                     |   |       | 52       |          |          |                |              |          | Γ        |
|          |            | √        |          |   |              |          |  |  |  |                                     |   |       | 53       |          |          |                |              |          | Γ        |
| <u> </u> | 4          | ✓        |          |   | _            | 匚        | L  | L  | <u> </u>   |                                     |   |       | 54       |          |          | _              | <u> </u>     | <u>_</u> | L        |
| <u></u>  | 5          | ✓        |          |   |              | <u> </u> | <u> </u>   | <u> </u>   |  | <u> </u>                            |   |       | 55       | L        | L_       | L              | <u> </u>     | L        | L        |
| <u> </u> | 6          | V        |          |   | <u> </u>     | <u> </u> | _  | _  | _  | _                                   |   |       | 56       |          | <u> </u> | <u> </u>       | <u> </u>     | <u> </u> | ╀        |
| <u> </u> | 7          | V        | Щ        |   | _            | ⊢        | _  | ļ  | <u> </u>   | ļ                                   |   |       | 57       | -        | _        | <u> </u>       | <u> </u>     | ┡        | L        |
| <u> </u> | 8          | 1        |          |   | -            | -        | -  | <u> </u>   | -  | H                                   |   |       | 58       |          | ļ        | ┝              | <del> </del> | -        | ╀        |
| -        | 10         | √<br>√   |          | _ | ├            | -        |  | ├  | -  | H                                   |   |       | 59<br>60 | _        | _        |                | -            | -        | ╀        |
| <u> </u> | 11         | √<br>√   |          |   | -            | -        | ⊢  | -  | ⊢  | H                                   |   |       | 61       |          | -        | <del>  -</del> | -            |          | ╀        |
| -        | 12         | √        |          | - |              | -        | -  | ├  | ┢  | ⊢                                   |   |       | 62       | $\vdash$ |          |                | $\vdash$     | $\vdash$ | ╁        |
|          | 13         | V        |          |   | $\vdash$     | ┢        | <del> </del>                                     | ├─   | <del>                                     </del> | -                                   |   |       | 63       | $\vdash$ |          |                | -            | $\vdash$ | H        |
|          | 14         | V        | $\vdash$ |   | ┢            | _        | $\vdash$   | ╁  |  | $\vdash$                            |   |       | 64       |          |          |                | _            |          | H        |
|          | 15         | Ĭ        |          | _ | ┢            | $\vdash$ | 1  | ╁  | $\vdash$   |                                     |   |       | 65       |          |          |                | $\vdash$     |          | t        |
|          | 16         | V        |          |   | _            | <u> </u> | H  |  |  |                                     |   |       | 66       |          | _        |                |              |          | t        |
|          | 17         | V        |          |   |              | Г        | <del>                                     </del> |  |  |                                     |   |       | 67       |          |          | m              | _            | -        | T        |
|          | 18         | <b>√</b> |          |   |              |          |  | П  |  |                                     |   |       | 68       |          |          |                |              |          | Γ        |
|          | 19         | <b>√</b> |          |   |              |          |  |  |  |                                     |   |       | 69       |          |          |                |              |          | Γ        |
|          | 20         | ✓        |          |   | Ĺ            |          |  |  |  |                                     |   |       | 70       |          |          |                |              |          |          |
| <u></u>  | 21         |          |          |   |              | L        |  | L  |  |                                     |   |       | 71       |          |          |                |              |          | L        |
|          | 22         |          |          |   | L.           | <u> </u> |  | <u> </u>   | <u>L</u>   |                                     |   |       | 72       | _        | <u> </u> | <u></u>        |              | L        | L        |
|          | 23         |          |          | _ | _            | _        |  |  |  |                                     |   |       | 73       |          | _        | _              |              | <u> </u> | L        |
|          | 24         |          | -        |   |              |          | -  |  |  |                                     |   |       | 74       | _        | <u> </u> | _              |              | _        | Ļ        |
|          | 25<br>26   | $\vdash$ | -        |   | -            | -        |  | ├—   | <u> </u>   |                                     |   |       | 75       |          | <u> </u> | _              |              |          | ╀        |
|          | 27         |          |          |   | <del> </del> |          |  | ├  | ⊢  | H                                   |   |       | 76<br>77 |          |          | <u> </u>       |              |          | H        |
|          | 28         |          | $\dashv$ |   | $\vdash$     | ┝        | -  | -  |  | $\vdash$                            |   |       | 78       |          |          |                |              |          | H        |
|          | 29         | _        |          | _ |              | ┢        | _  | -  |  | -                                   |   |       | 79       |          |          | -              |              | _        | H        |
|          | 30         | _        |          |   |              | ┢        |  |  |  | -                                   |   |       | 80       | $\vdash$ |          | $\vdash$       |              | $\vdash$ | H        |
|          | 31         |          |          |   |              | _        |  | 1  |  | -                                   |   |       | 81       | $\vdash$ | $\vdash$ | _              | _            | _        | t        |
|          | 32         |          |          |   |              |          |  | <b></b>  |  |                                     |   |       | 82       |          |          |                |              |          | t        |
|          | 33         |          | $\Box$   |   |              |          |  |  |  |                                     |   |       | 83       |          |          | _              |              |          | T        |
|          | 34         |          |          |   |              |          |  |  |  |                                     |   |       | 84       |          |          |                |              |          | Γ        |
|          | 35         |          |          |   |              |          |  |  |  |                                     |   |       | 85       |          |          |                |              |          | Γ        |
|          | 36         |          |          |   |              |          |  |  |  |                                     |   |       | 86       |          |          |                |              |          |          |
|          | 37         |          |          |   |              |          | <u> </u>   |  |  |                                     |   |       | 87       |          |          |                |              |          | L        |
|          | 38         |          |          |   |              |          |  | _  | L  |                                     |   |       | 88       |          |          | oxdot          |              | <u> </u> | L        |
|          | 39         | _        |          |   |              |          | <u> </u>   | <u> </u>   | _  |                                     |   |       | 89       |          |          | L              |              | <u> </u> | L        |
|          | 40         |          |          |   | ļ            |          | <u> </u>   | <u> </u>   | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |       | 90       | Щ        |          | $\vdash$       |              | <u> </u> | L        |
|          | 41<br>42   |          |          |   | -            |          |  | ├  | ⊢  | <u> </u>                            |   |       | 91<br>92 | _        | _        | -              |              | -        | ╀        |
|          | 42         |          |          |   |              |          |  |  |  | ⊢                                   |   |       | 93       | Н        | <u> </u> | $\vdash$       |              | $\vdash$ | ╀        |
| -        | 44         |          |          |   | -            | -        | $\vdash$   | ├  | $\vdash$   | Н                                   |   |       | 94       | $\vdash$ | $\vdash$ | -              | _            | -        | ╁        |
| -        | 45         | _        | $\dashv$ |   | $\vdash$     | H        | $\vdash$   | -  | $\vdash$   | H                                   |   |       | 95       | $\vdash$ | $\vdash$ | -              | <u> </u>     | $\vdash$ | $\vdash$ |
|          | 46         | -        |          | _ | $\vdash$     | -        | -  | <del>                                     </del> | <del>                                     </del> | $\vdash$                            |   |       | 96       | $\vdash$ | $\vdash$ | $\vdash$       |              | —        | H        |
|          | 47         | -        |          |   | Н            |          | <del>                                     </del> | $\vdash$   | <u> </u>   | Н                                   |   |       | 97       | Н        | $\vdash$ | $\vdash$       | _            | _        | H        |
|          | 48         |          |          |   | _            |          | Ι-   | Ι-   | <del>                                     </del> | H                                   |   |       | 98       | $\vdash$ |          | $\vdash$       |              | Ι-       | t        |
|          | 49         |          |          |   |              | Г        |  | $\vdash$   |  |                                     |   |       | 99       | $\Box$   |          | Г              |              |          | T        |
|          | 50         |          |          |   |              |          |  |  |  |                                     |   |       | 100      |          |          |                |              |          | Γ        |
|          |            |          |          |   |              |          |  | _  |  |                                     | ' |       |          |          |          |                |              | _        | _        |

| -   | <u> </u> | 21111                      | Ь.              |          |          |          | Jai  | _  |          |          | _        |
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|     | Final    | Original                   |                 |          |          |          |  |  |          |          |          |
|     |          | 51                         |                 | Г        |          |          |  |  | T        | _        |          |
|     |          | 52                         |                 | $\vdash$ | Г        | $\vdash$ | ┪  | $\vdash$   |          |          | $\vdash$ |
|     |          | 51<br>52<br>53             | · ·             |          | _        | $\vdash$ | $\vdash$   | $\vdash$   |          | $\vdash$ | $\vdash$ |
|     |          | 54                         |                 | ┢        | -        | $\vdash$ | $\vdash$   | $\vdash$   |          | -        | $\vdash$ |
|     |          | 54<br>55                   | Н               | $\vdash$ | $\vdash$ | $\vdash$ | ╁  | $\vdash$   | H        |          | $\vdash$ |
|     |          | 56                         |                 | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | _        | $\vdash$ |
|     | -        | 56<br>57                   | -               | ┢        | $\vdash$ | ┢        | <del>  -  </del>                                 | ┢  | -        | $\vdash$ | ┢─       |
|     |          | 58                         |                 |          | <u> </u> | $\vdash$ | $\vdash$   |  |          | -        | $\vdash$ |
|     |          | 59                         | -               |          | $\vdash$ | -        | <del>                                     </del> | <del>                                     </del> |          | H        | -        |
|     |          | 60                         | $\vdash$        |          | -        | -        | <u> </u>   | <u> </u>   |          | -        | -        |
|     |          | 61                         | -               | _        | $\vdash$ | -        | -  |  |          | $\vdash$ | $\vdash$ |
| ı   |          | 62                         | Н               | $\vdash$ |          | $\vdash$ |  | $\vdash$   |          | $\vdash$ |          |
| ı   |          | 63                         |                 |          | -        | ┢        | $\vdash$   |  |          | -        | ┢        |
|     |          | 64                         |                 |          |          |          |  |  |          | $\vdash$ |          |
| į   |          | 65                         |                 |          |          | $\vdash$ |  |  |          | ┝        | $\vdash$ |
| İ   |          | 62<br>63<br>64<br>65<br>66 |                 | $\vdash$ |          | $\vdash$ |  | -  |          | $\vdash$ | Н        |
| i   |          | 67                         |                 | -        |          | <u> </u> | -  |  |          | -        |          |
| i   |          | 68                         |                 |          |          |          |  |  |          | _        | Г        |
|     |          | 68<br>69                   |                 |          |          |          |  |  |          | $\vdash$ |          |
|     |          | 70                         |                 |          |          |          |  |  |          | $\vdash$ |          |
|     |          | 71                         |                 |          |          |          |  |  |          | $\vdash$ |          |
|     |          | 71<br>72                   |                 | Т        |          |          |  |  |          | $\vdash$ |          |
|     |          | 73                         |                 | Г        |          |          |  |  |          |          |          |
|     |          | 74                         |                 |          |          |          |  |  |          |          |          |
|     |          | 73<br>74<br>75             |                 |          |          |          |  |  | Г        |          |          |
|     |          | 76                         |                 |          |          |          |  |  |          |          |          |
| ı   |          | 76<br>77                   |                 |          |          |          |  |  | Г        |          |          |
|     |          | 78                         |                 |          |          |          |  |  |          |          |          |
| ĺ   |          | 79<br>80                   |                 |          |          |          |  |  |          |          |          |
|     |          | 80                         |                 |          |          |          |  |  |          |          |          |
|     |          | 81                         |                 |          |          |          |  |  |          |          |          |
|     |          | 82<br>83                   |                 |          |          |          |  |  |          |          |          |
|     |          | 83                         |                 |          |          |          |  |  |          |          |          |
|     |          | 84<br>85                   |                 |          |          |          |  | L  |          |          |          |
|     |          | 85                         |                 |          |          |          |  |  | _        |          |          |
|     |          | 86                         |                 |          |          |          |  | L  | L        |          |          |
|     |          | 87<br>88                   |                 |          |          |          | _  | _  | <u> </u> |          |          |
|     |          | 88                         | Щ               |          | Ш        | _        | <u> </u>   | <u> </u>   | _        |          |          |
|     |          | 89                         |                 |          |          | _        | <u> </u>   |  | _        |          |          |
|     |          | 90                         |                 |          |          | _        | <u> </u>   | _  | _        | _        |          |
|     |          | 91                         |                 |          |          |          | <u> </u>   |  | <u> </u> |          | <u> </u> |
| -   |          | 92                         |                 |          |          |          | <u> </u>   | _  | <u></u>  |          |          |
|     |          | 93                         | $\vdash$        | $\vdash$ |          |          | <u> </u>   |  | <u> </u> | _        | -        |
|     |          | 94                         | $\vdash$        | $\vdash$ |          | _        | <u> </u>   | -  | $\vdash$ | _        | _        |
|     |          | 95                         | $\vdash \vdash$ | <u> </u> | <u> </u> |          | <u> </u>   | $\vdash$   | H        | <u> </u> | <u> </u> |
|     |          | 96                         | $\vdash\vdash$  | <u> </u> | _        | _        | <del> </del>                                     |  | -        | <u> </u> | _        |
| -   |          | 97                         | $\vdash$        | -        |          |          | <u> </u>   | $\vdash$   |          | _        | _        |
|     |          | 98<br>99                   | Н               | H        | _        | <u> </u> | <del>-</del>                                     | <u> </u>   | <u> </u> | <u> </u> |          |
| }   |          | 100                        | $\vdash$        | H        |          | -        | $\vdash$   | $\vdash$   |          | ┝        | -        |
| - 1 |          |                            |                 |          |          |          |  |  |          |          |          |

|       | Data                            |          |          |              |          |          |  |  |  |              |  |
|-------|---------------------------------|----------|----------|--------------|----------|----------|--|--|--|--------------|--|
| Cla   | aim                             | ├-       | _        | _            | _[       | Date     | e  |  |  |              |  |
| Final | Original                        |          |          |              |          |          |  |  |  |              |  |
|       | 101<br>102                      |          |          |              |          |          |  |  |  |              |  |
|       | 102                             |          |          |              |          |          |  |  |  |              |  |
|       | 103                             | L        | <u> </u> | _            | _        |          | <u> </u>   |  | _  | <u> </u>     |  |
|       | 104<br>105                      | <u> </u> | L        | ļ            | _        | <u> </u> |  | <u> </u>   |  | <u> </u>     |  |
|       | 105                             | <u> </u> | -        | <u> </u>     | -        | _        | -  | _  | -  | <u> </u>     |  |
| -     | 106                             | _        | $\vdash$ | ⊢            | ├        | -        | $\vdash$   | ⊢  | -  | <del> </del> |  |
|       | 108                             | -        | -        | -            | -        | -        | -  | -  | -  | -            |  |
|       | 109                             | <u> </u> | $\vdash$ | $\vdash$     | $\vdash$ | -        | <del>                                     </del> | <del>                                     </del> | H  |              |  |
|       | 110                             |          |          |              | $\vdash$ |          |  |  |  | 一            |  |
|       | 111                             |          |          |              |          |          |  |  |  |              |  |
|       | 112<br>113                      |          |          |              |          |          |  |  |  |              |  |
|       | 113                             | igsqcup  |          |              |          |          |  |  |  |              |  |
|       | 114<br>115<br>116<br>117<br>118 | L        | _        | ldash        | _        | _        | <u> </u>   | ldash  | <u> </u>   | _            |  |
|       | 115                             | ļ        |          | ļ            |          | _        | ļ  | <u> </u>   | <u> </u>   | <u> </u>     |  |
|       | 110                             | l-       | _        | L            | <u> </u> | _        |  |  | $\vdash$   | <u> </u>     |  |
|       | 118                             | -        | _        | -            | -        |          | -  | -  | _  | -            |  |
|       | 110                             | H        |          |              | $\vdash$ |          | ┢  | ┢  | ┝  | $\vdash$     |  |
|       | 120                             |          | _        | $\vdash$     | $\vdash$ | $\vdash$ | ┢  | $\vdash$   | $\vdash$   | $\vdash$     |  |
|       | 120<br>121<br>122               | -        | -        |              |          |          | $\vdash$   | $\vdash$   | <u> </u>   |              |  |
|       | 122                             |          |          |              |          |          |  |  |  |              |  |
|       | 123                             |          |          |              |          |          |  |  |  |              |  |
|       | 123<br>124<br>125               |          |          |              |          |          |  | L  |  |              |  |
|       | 125                             |          | _        | <u> </u>     | <u> </u> | <u></u>  | <u> </u>   | <u> </u>   | lacksquare                                       |              |  |
|       | 126<br>127<br>128<br>129<br>130 |          | <u> </u> |              | L        | -        | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     |  |
|       | 128                             |          | -        |              | $\vdash$ |          | $\vdash$   |  | -  | $\vdash$     |  |
|       | 129                             |          | -        |              | ├        | -        | -  | -  | -  | -            |  |
|       | 130                             |          |          | -            | <u> </u> |          | _  |  | $\vdash$   | $\vdash$     |  |
|       | 131                             |          | Г        |              |          |          | $\vdash$   |  | <del>                                     </del> |              |  |
|       | 131<br>132                      |          |          |              |          |          |  |  |  |              |  |
|       | 133                             |          |          |              |          |          |  | L  |  |              |  |
|       | 134<br>135                      | _        | _        | <u> </u>     | _        | _        | _  | _  | <u> </u>   | $\vdash$     |  |
|       | 135                             |          | _        | <u> </u>     | <u> </u> | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     |  |
|       | 136                             |          | ļ        | <u> </u>     | <u> </u> | ļ        | <u> </u>   | <u> </u>   | <u> </u>   |              |  |
|       | 137                             | $\vdash$ | —        |              | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |  |
|       | 138<br>139                      |          | -        | $\vdash$     | $\vdash$ | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |  |
|       | 140                             |          |          | H            | H        |          | $\vdash$   | $\vdash$   | $\vdash$   | H            |  |
|       | 141                             |          |          |              | $\vdash$ | _        | Г  | $\vdash$   |  |              |  |
|       | 142                             |          |          |              |          |          |  |  |  |              |  |
|       | 143                             |          |          |              |          |          |  |  |  |              |  |
|       | 144                             |          |          | L            |          |          |  |  | _  |              |  |
|       | 145                             |          | <u> </u> | L.           | L        |          | ļ  | L_   | <u> </u>   | L            |  |
|       | 146                             |          | <u> </u> | <u> </u>     | <u> </u> |          |  | <u> </u>   | _  | -            |  |
|       | 147<br>148                      | $\vdash$ | -        | <del> </del> | -        |          | <u> </u>   | <del> </del>                                     | -  | -            |  |
|       | 149                             |          | -        | -            | -        |          | <u> </u>   | ╟  | -  | ┝            |  |
|       | 150                             | -        |          | H            | -        | $\vdash$ | H  | -  | $\vdash$   | $\vdash$     |  |
|       | 130                             | L        |          | L            | L        |          | _  | ᆫ  |  |              |  |